

APPLICATION

FOR UNITED STATES LETTERS PATENT

SPECIFICATION

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT I, **John F. Witzke**, a citizen of Canada, have invented a new and useful hockey practice system of which the following is a specification:

1
2 **Hockey Practice System**
3
4

5 **CROSS REFERENCE TO RELATED APPLICATIONS**
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7 Not applicable to this application.
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11 **STATEMENT REGARDING FEDERALLY**
12 **SPONSORED RESEARCH OR DEVELOPMENT**
13

14 Not applicable to this application.
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17 **BACKGROUND OF THE INVENTION**
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21 **Field of the Invention**
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23 The present invention relates generally to a hockey shooting skills practice
24 apparatus and more specifically it relates to a hockey practice system for improving a
25 hockey player's shooting skills in an entertaining manner.
26
27

28 **Description of the Related Art**
29

30 Hockey players typically practice by shooting at an empty hockey goal or
31 against a wall. There has been previously attempted puck shooting ranges (U.S. Patent

1 No. 5,707,304), target assemblies (U.S. Patent No. 4,842,283) and panel silhouettes
2 positionable in front of a hockey goal (U.S. Patent No. 4,168,062).

3
4 While these devices may be suitable for the particular purpose to which they
5 address, they are not as suitable for improving a hockey player's shooting skills in an
6 entertaining manner. Conventional hockey shooting practice devices do not simultaneously
7 provide entertainment while encouraging the hockey player to aim for specific locations of
8 the goal.

9
10 In these respects, the hockey practice system according to the present invention
11 substantially departs from the conventional concepts and designs of the prior art, and
12 in so doing provides an apparatus primarily developed for the purpose of improving a
13 hockey player's shooting skills in an entertaining manner.

1
2 **BRIEF SUMMARY OF THE INVENTION**
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4 In view of the foregoing disadvantages inherent in the known types of hockey
5 shooting practice systems now present in the prior art, the present invention provides a
6 new hockey practice system construction wherein the same can be utilized for
7 improving a hockey player's shooting skills in an entertaining manner.
8

9 The general purpose of the present invention, which will be described
10 subsequently in greater detail, is to provide a new hockey practice system that has
11 many of the advantages of the hockey practice devices mentioned heretofore and many
12 novel features that result in a new hockey practice system which is not anticipated,
13 rendered obvious, suggested, or even implied by any of the prior art hockey practice
14 devices, either alone or in any combination thereof.
15

16 To attain this, the present invention generally comprises a panel having a
17 plurality of openings, a first support and a second support pivotally attached to the
18 sides of the panel, and a plurality of targets removably positionable within the
19 openings. The targets are preferably comprised of a resilient material for frictionally
20 engaging within the openings of the panel. A goalie member may be attached to the
21 front of the panel.
22

23 There has thus been outlined, rather broadly, the more important features of the
24 invention in order that the detailed description thereof may be better understood, and in
25 order that the present contribution to the art may be better appreciated. There are
26 additional features of the invention that will be described hereinafter and that will form
27 the subject matter of the claims appended hereto.
28

29 In this respect, before explaining at least one embodiment of the invention in

1 detail, it is to be understood that the invention is not limited in its application to the
2 details of construction and to the arrangements of the components set forth in the
3 following description or illustrated in the drawings. The invention is capable of other
4 embodiments and of being practiced and carried out in various ways. Also, it is to be
5 understood that the phraseology and terminology employed herein are for the purpose
6 of the description and should not be regarded as limiting.

7
8 A primary object of the present invention is to provide a hockey practice system
9 that will overcome the shortcomings of the prior art devices.

10
11 A second object is to provide a hockey practice system for improving a hockey
12 player's shooting skills in an entertaining manner.

13
14 Another object is to provide a hockey practice system that is portable.

15
16 An additional object is to provide a hockey practice system that is easy to setup,
17 use and store.

18
19 A further object is to provide a hockey practice system that assists a hockey
20 player in developing their shooting techniques and accuracy (e.g. shot release, shot
21 follow through).

22
23 Another object is to provide a hockey practice system that creates a fun and
24 entertaining environment for practicing a hockey player's shooting skills.

25
26 A further object is to provide a hockey practice system that may be utilized in
27 either an ice rink or a non-ice environment.

1 Another object is to provide a hockey practice system that does not require a
2 second person to serve as a goalie.

3
4 Other objects and advantages of the present invention will become obvious to the
5 reader and it is intended that these objects and advantages are within the scope of the
6 present invention.

7
8 To the accomplishment of the above and related objects, this invention may be
9 embodied in the form illustrated in the accompanying drawings, attention being called
10 to the fact, however, that the drawings are illustrative only, and that changes may be
11 made in the specific construction illustrated and described within the scope of the
12 appended claims.

1
2 **BRIEF DESCRIPTION OF THE DRAWINGS**

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4 Various other objects, features and attendant advantages of the present
5 invention will become fully appreciated as the same becomes better understood when
6 considered in conjunction with the accompanying drawings, in which like reference
7 characters designate the same or similar parts throughout the several views, and
8 wherein:
9

10 FIG. 1 is an upper perspective view of the present invention with a target being
11 removed by a puck.
12

13 FIG. 2 is an upper perspective view of the present invention.
14

15 FIG. 3 is an upper perspective view of the present invention with the targets
16 removed.
17

18 FIG. 4 is a front view of the present invention.
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20 FIG. 5 is a top view of the present invention.
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22 FIG. 6 is a top view of the present invention with the support members folded.
23

24 FIG. 7 is a side view of the present invention.
25

26 FIG. 8 is a front view of an alternative embodiment illustrating a goalie figure
27 in front of the panel.
28

DETAILED DESCRIPTION OF THE INVENTION

A. Overview

Turning now descriptively to the drawings, in which similar reference characters denote similar elements throughout the several views, FIGS. 1 through 8 illustrate a hockey practice system 10, which comprises a panel 20 having a plurality of openings 30, a first support 24 and a second support 26 pivotally attached to the sides of the panel 20, and a plurality of targets 40 removably positionable within the openings 30. The targets 40 are preferably comprised of a resilient material for frictionally engaging within the openings 30 of the panel 20. A goalie member 50 may be attached to the front of the panel 20.

B. Panel

Figures 1 through 4 best illustrate the panel 20. The panel 20 is preferably positionable in an upright substantially vertical position as shown in Figures 1, 2, 3 and 7 of the drawings. The panel 20 may be comprised of any conventional rigid material such as but not limited to plastic, metal, composite, wood or the like.

The panel 20 includes a plurality of openings 30 as best shown in Figure 3 of the drawings. The openings 30 may have various shapes, however it is preferable to have the opening comprised of a square shape. The openings 30 are preferably sufficient in size to allow a puck 12, ball or other object being engaged with a hockey stick to pass through as shown in Figure 1 of the drawings.

The plurality of openings 30 are preferably comprised of at least two vertical rows and/or at least two horizontal rows as shown in Figure 3 of the drawings. Other configurations for the openings 30 may be achieved depending upon the purpose as shown in Figure 8 wherein the goalie member 50 covers a portion of the openings 30.

Figure 3 illustrates that it is preferable that 16 openings **30** extend through the panel **20** forming a 4x4 structure.

Figures 1, 2, 3, 5 and 7 illustrate a handle **22** preferably attached to an upper portion of the panel **20**. The handle **22** may be grasped by the user to transport the panel **20** to various locations. The handle **22** may have various structures other than illustrated in the drawings.

C. Supports

As shown in Figures 5 and 6 of the drawings, a first support **24** and a second support **26** are preferably pivotally attached to the side portions of the panel **20** for providing support to the panel **20** in a vertical manner. The first support **24** and the second support **26** preferably pivot inwardly substantially parallel to the panel **20** to form a compact storage position as best shown in Figure 6 of the drawings. When the first support **24** and the second support **26** are fully extended as shown in Figure 5 of the drawings, the supports **24**, **26** prevent the panel **20** from falling forwardly or rearwardly.

D. Targets

The plurality of targets **40** each preferably are comprised of a square shape positionable within the plurality of openings **30** as shown in Figures 1 through 4 of the drawings. The plurality of targets **40** are preferably comprised of a resilient material such as but not limited to sponge, foam, rubber and the like. The plurality of targets **40** are preferably larger than the plurality of openings **30** to allow for frictional engagement of the targets **40** within the openings **30**.

An indicia (e.g. number, letter) is preferably positioned upon each of the plurality of targets **40** as shown in Figures 1, 2 and 4 of the drawings. The panel **20** also preferably includes a corresponding number of indicia adjacent each of the

1 openings 30 that correspond to the indicia on the targets 40 thereby indicating where
2 the targets 40 are to be positioned within the panel 20. The targets 40 may also have
3 different colors such as the even numbered targets 40 having a first color and the odd
4 numbered targets 40 having a second color.

5
6 ***E. Goalie Member***

7 A goalie member 50 may also be attached to a front portion of said panel 20 as
8 shown in Figure 8 of the drawings. The goalie member 50 is preferably shaped to
9 represent an actual goalie thereby illustrating the desired targets 40 to shoot at with the
10 puck 12.

11
12 ***F. Operation of Invention***

13 In use, the user preferably lays the panel 20 flat on the ground surface. The user
14 then inserts the targets 40 into the corresponding openings 30 within the panel 20
15 thereby ensuring that the front surface of the targets 40 will be aligned with the front
16 surface of the panel 20 as shown in Figures 1 and 2 of the drawings. The user then
17 manipulates the panel 20 into an upright position as shown in Figures 1, 2 and 4 of the
18 drawings. The hockey player thereafter shoots at the targets 40 with the intention of
19 driving one of the targets 40 from the panel 20 as shown in Figure 1 of the drawings.

20
21 Various games may be played with the present invention. For example, one of
22 the targets 40 may be identified as the "last target" wherein the player who knocks out
23 this identified target 40 is the winner of the game. Another game that may be played
24 includes each player taking a specific color or even/odd numbered group of targets 40
25 with the goal of driving out their respective targets 40 within the group. Another game
26 includes each player being dealt a plurality of cards with each card corresponding to
27 one of the targets 40 (e.g. Ace to 1, 2 to 2, 3 to 3) where each player attempts to drive
28 out the targets 40 corresponding to the cards in their hand. Another game includes

1 utilizing two panels 20 instead of goaltenders. It can be appreciated that various other
2 games may be played with the present invention.

3
4 What has been described and illustrated herein is a preferred embodiment of the
5 invention along with some of its variations. The terms, descriptions and figures used
6 herein are set forth by way of illustration only and are not meant as limitations. Those
7 skilled in the art will recognize that many variations are possible within the spirit and
8 scope of the invention, which is intended to be defined by the following claims (and
9 their equivalents) in which all terms are meant in their broadest reasonable sense
10 unless otherwise indicated. Any headings utilized within the description are for
11 convenience only and have no legal or limiting effect.